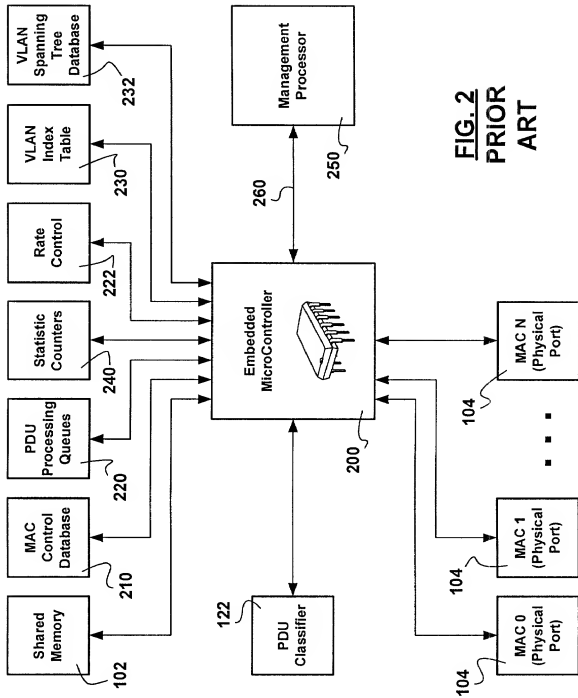


FIG. 1



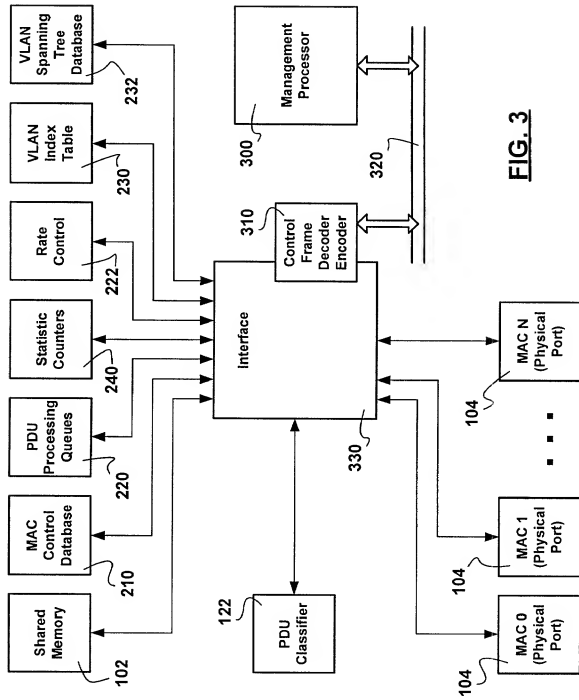


FIG. 3

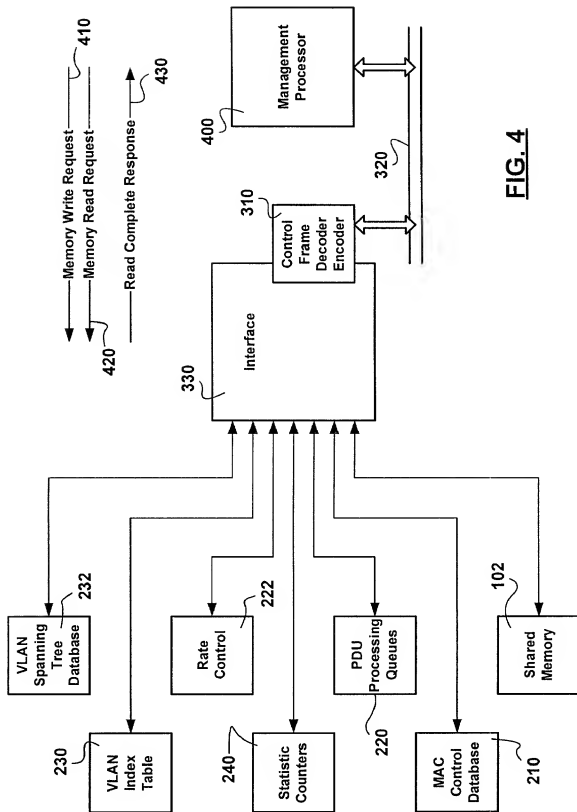


FIG. 4

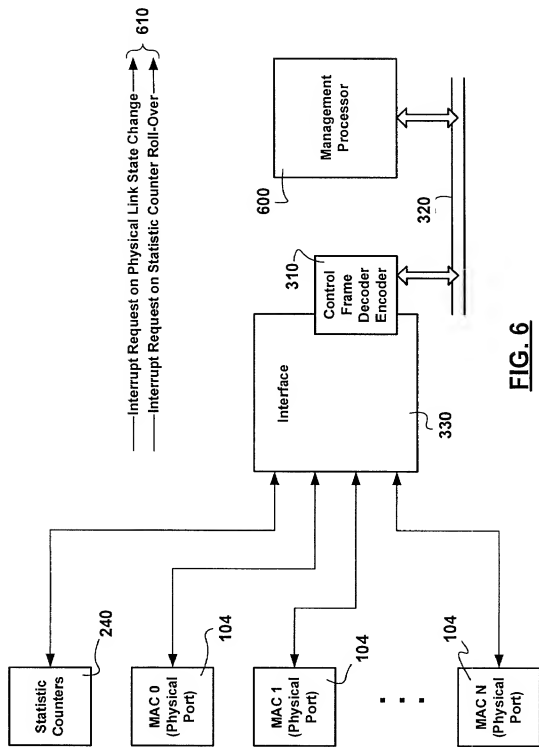


FIG. 6

MAC ADDR Learn Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0100
PORT #	STAT	MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0

MAC ADDR Delete Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0000
		MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0

MAC ADDR Search Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0011
		MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0

Learn Multicast ADDR Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1100
VLAN IDX		VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0

Delete Multicast ADDR Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1000
		VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0

510: Search Multicast ADDR Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1011
		VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0

Response Frame to MAC ADDR Search sent to Management Processor

RESULT	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1111
		MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0
			• • •				

520

Response Frame to Multicast ADDR Search sent to Management Processor

RESULT	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1110
		VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0
■ ■ ■							

FIG. 9

610

Interrupt Request Frame on Counter Roll-Over sent to Management Processor

PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0111
			INT 3	INT 2	INT 1	INT 0
		• • •				

FIG. 11

Delete Multicast ADDR Request Frame sent to Management Processor

FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1101
	VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0

530

Delete MAC ADDR Request Frame sent to Management Processor

PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0000
	MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0

Learn MAC ADDR Request Frame sent to Management Processor

PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0100
STAT	MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0

New VLAN Port Request Frame sent to Management Processor

VLAN IDX	PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1010

Age VLAN Port Request Frame to Management Processor

VLAN IDX	PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1001

FIG. 10